



Docket No. 00740.009US1

WD # 383966.wpd

Client Reference No. 9148 LIN

Clean Version of Pending Claims

MURINE 4-1BB GENE (as amended)

Applicant: Byoung S. Kwon

Serial No.: 08/012,269

2nd H1 3/17
1. (Three times amended) A cDNA sequence which encodes for a murine protein 4-1BB, said murine protein comprising SEQ ID NO:2.

2nd H2 4/2 3/12
(Twice amended) A purified and isolated DNA molecule comprising a nucleic acid selected from the group consisting of:

- a) a nucleic acid sequence encoding SEQ ID NO:2,
- b) a nucleic acid sequence consisting of positions 661-855 of SEQ ID NO:1,
- c) a nucleic acid sequence consisting of positions 1284-1557 of SEQ ID NO:1, and
- d) the complement of (a), (b), or (c).

29. An isolated and purified DNA molecule comprising a DNA sequence encoding a soluble 4-1BB polypeptide comprising the extracellular domain of the amino acid sequence shown in figures 2a and 2b operably linked to a polypeptide that is not 4-1BB and which is located C-terminal to the soluble 4-1BB polypeptide.
30. The DNA molecule of claim 28 or 29 which further comprises regulatory sequences suitable for expression of the DNA molecule in a host cell, which regulatory sequences are operably linked to the DNA molecule.

DUPLICATE

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1. (Three times amended) A cDNA sequence which encodes for a murine protein 4-1BB, said murine protein comprising SEQ ID NO:2.
 2. The cDNA sequence of claim 1 having a nucleotide sequence as shown in Figures 2a and 2b.
 3. The cDNA sequence of claim 1, identified as p4-1BB deposited at the American Type Culture Collection at 12301 Parklawn Drive, Rockville, Maryland 20852 under ATCC No.: 67852.
 22. (Twice amended) A purified and isolated DNA molecule comprising a nucleic acid selected from the group consisting of:
 - a) a nucleic acid sequence encoding SEQ ID NO:2,
 - b) a nucleic acid sequence consisting of positions 661-855 of SEQ ID NO:1,
 - c) a nucleic acid sequence consisting of positions 1284-1557 of SEQ ID NO:1, and
 - d) the complement of (a), (b), or (c) .
 28. An isolated and purified DNA molecule comprising a DNA sequence encoding a soluble 4-1BB polypeptide comprising the extracellular domain of the amino acid sequence shown in figures 2a and 2b.

Duplicates

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CLEAN VERSION OF AMENDED SPECIFICATION PARAGRAPHS

MURINE 4-1BB GENE (as amended)

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Figures 2a and 2b show the nucleotide sequence (SEQ ID NO:1) and the deduced amino acid sequence (SEQ ID NO:2) of mouse receptor 4-1BB.

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